

MIFluFocus
December 8, 2005
Weekly Influenza Surveillance

Michigan Disease Surveillance System: With the exception of week-to-week variation, reported flu-like illness activity has remained at a relatively constant level for the past several weeks of the flu season. The level of flu-like illness reports for the previous week is slightly decreased compared to the corresponding time period last year.

Emergency Department Surveillance: Since peaking in late October, the overall trend in emergency department visits due to respiratory complaints has been decreasing. The number of respiratory visits is now similar to that seen in mid-September and is decreased when compared to the same period from last year. Emergency Department visits due to constitutional complaints have remained constant throughout flu season so far and are neither increased nor decreased as compared to last year's reports for this time.

Over-the-Counter Product Surveillance: Contrary to last week's report, over-the-counter product sales do not show consistent increase in flu activity indicators. Antifever medications, adult and pediatric cold relief medications, and nasal products demonstrated a peak in October, but have remained at stable, lower levels over the previous few weeks. Cough/cold medication and thermometer sales have also been stable in recent history. Only chest rubs and electrolyte sales have shown gradual increases over the past few weeks. As with previous weeks, adult cold relief sales are lower than those for the same period last year, while sales of all other categories of over-the-counter products are either similar to, or increased from, the same period last year.

Sentinel Surveillance (as of December 8, 2005): Influenza sentinel providers across the state are reporting that 0.5% of their office visits were due to influenza-like illness (ILI) for the week ending December 3, 2005. This level is slightly decreased from last report, and represents a continued level of low activity. Sentinel laboratories are reporting a few cases of influenza A cross the state.

Community or Facility-Based Outbreaks (as of December 8, 2005): None reported.

MDCH Laboratory Surveillance (as of December 8, 2005): There have been 2 influenza cases confirmed at MDCH Laboratories since October 1, 2005. Both are influenza A, H3-, and one is confirmed as A, H3N2.

National: During week 47 (November 20 – November 26, 2005), influenza activity occurred at a low level in the United States. The proportion of patient visits to sentinel providers for influenza-like illness (ILI) and the proportion of deaths attributed to pneumonia and influenza were below baseline levels. Twenty-three states, New York City, the District of Columbia, and Puerto Rico reported sporadic influenza activity, and 27 states reported no influenza activity.

International Activity (December 8): Influenza activity remained low through week 47.

MDCH reported **SPORADIC** activity to the CDC for this past week ending **12/3/2005**.

End of Seasonal Influenza Report

Avian H5N1 Influenza Update: Next Page

Avian H5N1 Influenza Update

H5N1 influenza-avian: (December 8, 2005) Avian outbreaks have occurred in multiple countries, with recent documentation this last week in the Ukraine on December 5. (See **Table 1** for OIE totals).

H5N1 influenza-human: (December 7, WHO) A total of 135 WHO-confirmed cases of human H5N1 from 5 countries (see table below). There are no human cases documented outside of SE Asia (see **Table 2**).

WHO Pandemic Phase (December 8, 2005): 3

Table 1. (downloaded 12/8/05, http://www.oie.int/download/AVIAN_INFLUENZA/graph_HPAI_01122005.pdf)

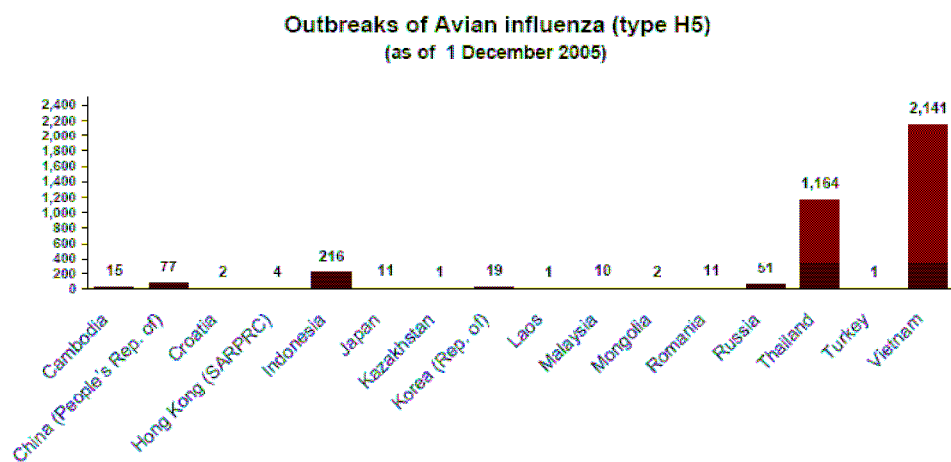


Table 2.

of onset	Cambodia		China		Indonesia		Thailand		Viet Nam		Total	
	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths	cases	deaths
26.12.03-10.03.04	0	0	0	0	0	0	12	8	23	16	35	24
19.07.04-08.10.04	0	0	0	0	0	0	5	4	4	4	9	8
16.12.04-to date	4	4	4	2	13	8	4	1	66	22	91	37
Total	4	4	4	2	13	8	21	13	93	42	135	69

Total number of cases includes number of deaths.
WHO reports only laboratory-confirmed cases.

Downloaded 12/8/05

http://www.who.int/csr/disease/avian_influenza/country/cases_table_2005_12_07/en/index.html

